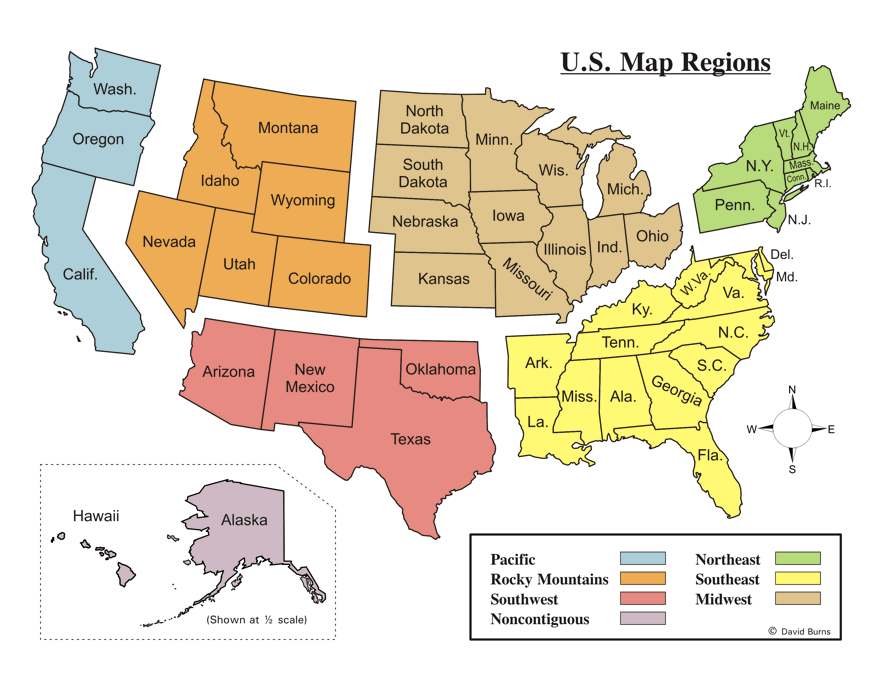
1. Pick a region in the U.S. that interests you. (1 min)



2. Pick a state within your chosen region that interests you: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. (1 min)

3. Now that you have a location, your task is to discover and research the most significant storm event in the history of the state you have selected. There will be specific questions to answer and concepts to explain, as-well-as a short creative writing assignment to conclude this activity. You may use any ***credible online resources*** (blogs and forums are **NOT** credible) to inform your research. You **MUST** cite each information resource you utilize. An example of a piece of information gathered from a website and accompanying citation is shown below:

**“The Blizzard of 1996 began on Jan. 6,1996 around 9pm, with snow falling across the eastern seaboard.” *(***[***http://www.history.com/this-day-in-history/blizzard-of-1996-begins***](http://www.history.com/this-day-in-history/blizzard-of-1996-begins)***)***

\*Save this document to your computer and type directly into it. When saving, rename the document in the following format: LastName\_Partner’sLastName\_Period#\_SSRA. For example:

**Wallace\_Wallace\_1\_SSRA**

\*Continue below…

**\*Note: Inappropriate use of computers (playing games, messaging, etc.) will result in a failing score for the learning targets associated with this activity (Scientific Communication & Severe Storms). You will need the entire period to complete this assignment.**

**Research Pt. I (30-35min)**

1. What type of storm (hurricane, tornado, blizzard, etc.) occurred? Describe generally how this type of storm forms.

2. When did the storm occur and what was its duration (Date, time of night/day, how long did it last)?

3. How large was the storm? Specify details of size including ratings on any applicable scales such as the EF Tornado Scale, the Saffir-Simpson Scale, or RSI scale. Explain the meaning and breakdown of whatever scale may have been applied to your scale.

4. Research and describe the extent of damage cause by the storm within the state you chose. Emphasis should be placed on physical damage to structures, homes and property; human death toll if any and the main cause of deaths, casualties to livestock, damage to utilities and economy of the state, overall cost to state because of the storm. In general, describe “all the bad” caused by the storm. Include pictures of the storm and aftermath if available.

5. A much more difficult research goal is to discover any benefits or positives that were generated because of the storm. Do not use your imagination here (don’t say students got off school for a week). The positives, if any, must be cited. Consider environmental impacts to local regions, replenishing of aquifers, or bringing relief to a drought stricken area.

6. Explain why the storm intensified to such a severe level. Is this type of severe storm common for your selected region/state? Why or why not?

7. Explain what the most common type of weather conditions are for your chosen state/region. Why is this the most common type of weather there? Think air masses, winds, topography, etc.

\*Continue below…

**Writing Assignment (15min)**

8. Your final task is a creative writing piece: You should now be familiar with the most historic storm even for a particular state. Imagine that you lived through that event (maybe you have), and experienced the worst of that storm. Now imagine that a young person named Everett is doing a project on the storm and wants your personal account describing the event and your experience through it. Compose a letter to Everett (be creative, funny, and as real-life as possible), at least 15-20 sentences:

Dear Everett,

(Write your letter here. Remember, make it a personal account, as if you and you partner lived through the storm. Include details about the storm and the aftermath from such a personal perspective.)

9. When you are finished, e-mail this saved document, formatted correctly, to [**dwallace@qcsd.org**](mailto:dwallace@qcsd.org)**.**  Put in the subject the formatted name of the document (see above).